

North America Hyperspectral Imaging Systems Market (2016-2022)

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Abstracts

Hyperspectral Imager is a new class of sensor that could provide three dimensional images of the object. The primary advantage of Hyperspectral imaging is that, operator needs no prior knowledge of the sample because an entire spectrum is acquired at each point. There are four ways by which sensors could detect such as spectral scanning, snapshot imaging, spatial scanning and spatio-spectral scanning. The key factors driving the growth of Hyperspectral Imaging Market are growing number of research projects using hyperspectral imaging techniques and advancements in hyperspectral imaging technology. Additionally, rise in Hyperspectral Imaging Systems Camera technology and increasing adoption of hyperspectral in military applications are also some of the factors driving hyperspectral imaging market.

The report highlights the adoption of Hyperspectral Imaging Systems in North America. Based on Application, the market is segmented into Military Surveillance, Remote Sensing, Machine Vision/Optical Sorting, Life Sciences and Medical Diagnostics, and Other Applications. Based on Component, the market is segmented into Hyperspectral Cameras and Accessories. The report also covers geographical segmentation of Hyperspectral Imaging Systems market. The countries included in the report are U.S, Canada, Mexico and Rest of North America.

The Key players operating in the hyperspectral imaging systems market are Corning Incorporated, Resonon, Corning Incorporated, Specim, Spectral Imaging Ltd., Telops Inc., Applied Spectral Imaging, Headwall Photonics, Inc, Bayspec Inc., Norsk Elektro Optikk As, Surface Optics Corporation, and Chemimage Corporation.

Contents

CHAPTER 1. MARKET SCOPE & METHODOLOGY

- 1.1 Market Definition
- 1.2 Objectives
- 1.3 Market Scope
- 1.4 Segmentation
 - 1.4.1 North America Hyperspectral Imaging Systems Market, by Application
 - 1.4.2 North America Hyperspectral Imaging Systems Market, by Component
 - 1.4.3 North America Hyperspectral Imaging Systems Market, by Country
- 1.5 Methodology for the research

CHAPTER 2. MARKET OVERVIEW

- 2.1 Introduction
- 2.2 Key Influencing Factors
 - 2.2.1 Drivers
 - 2.2.2 Restraints

CHAPTER 3. NORTH AMERICA HYPERSPECTRAL IMAGING SYSTEMS MARKET - BY APPLICATION

- 3.1 North America Military Surveillance Hyperspectral Imaging Systems Market - By Country
- 3.2 North America Remote Sensing Hyperspectral Imaging Systems Market - By Country
- 3.3 North America Machine Vision/Optical Sorting Hyperspectral Imaging Systems Market - By Country
- 3.4 North America Life Sciences and Medical Diagnostics Hyperspectral Imaging Systems Market - By Country
- 3.5 North America Other Applications Hyperspectral Imaging Systems Market - By Country

CHAPTER 4. NORTH AMERICA HYPERSPECTRAL IMAGING SYSTEMS MARKET - BY COMPONENT

- 4.1 North America Hyperspectral Cameras Hyperspectral Imaging Systems Market - By Country

4.2 North America Accessories Hyperspectral Imaging Systems Market - By Country

CHAPTER 5. NORTH AMERICA HYPERSPECTRAL IMAGING SYSTEMS MARKET - BY COUNTRY

5.1 U. S. Hyperspectral Imaging Systems Market

5.1.1 U. S. Hyperspectral Imaging Systems Market - By Application

5.1.2 U. S. Hyperspectral Imaging Systems Market - By Component

5.2 Canada Hyperspectral Imaging Systems Market

5.2.1 Canada Hyperspectral Imaging Systems Market - By Application

5.2.2 Canada Hyperspectral Imaging Systems Market - By Component

5.3 Mexico Hyperspectral Imaging Systems Market

5.3.1 Mexico Hyperspectral Imaging Systems Market - By Application

5.3.2 Mexico Hyperspectral Imaging Systems Market - By Component

5.4 Rest of North America Hyperspectral Imaging Systems Market

5.4.1 Rest of North America Hyperspectral Imaging Systems Market - By Application

5.4.2 Rest of North America Hyperspectral Imaging Systems Market - By Component

CHAPTER 6. COMPANY PROFILES

6.1 Surface Optics Corporation

6.1.1 Company Overview

6.2 Corning Incorporated

6.2.1 Company Overview

6.2.2 Financial Analysis

6.2.3 Segmental and Regional Analysis

6.2.4 Research & Development Expense

6.3 Headwall Photonics, Inc.

6.3.1 Company Overview

6.4 Specim Spectral Imaging

6.4.1 Company Overview

6.5 Resonon

6.5.1 Company Overview

6.6 Telops Inc.

6.6.1 Company Overview

6.7 Applied Spectral Imaging

6.7.1 Company Overview

6.8 BaySpec Inc.

6.8.1 Company Overview

6.9 ChemImage

6.9.1 Company Overview

List Of Tables

LIST OF TABLES

Table 1 NORTH AMERICA HYPERSPECTRAL IMAGING SYSTEMS MARKET (\$MILLION): 2012-2015

Table 2 NORTH AMERICA HYPERSPECTRAL IMAGING SYSTEMS MARKET (\$MILLION): 2016-2022

Table 3 NORTH AMERICA HYPERSPECTRAL IMAGING SYSTEMS MARKET - BY APPLICATION (\$MILLION): 2012-2015

Table 4 NORTH AMERICA HYPERSPECTRAL IMAGING SYSTEMS MARKET - BY APPLICATION (\$MILLION): 2016-2022

Table 5 NORTH AMERICA MILITARY SURVEILLANCE HYPERSPECTRAL IMAGING SYSTEMS MARKET - BY COUNTRY (\$MILLION): 2012-2015

Table 6 NORTH AMERICA MILITARY SURVEILLANCE HYPERSPECTRAL IMAGING SYSTEMS MARKET - BY COUNTRY (\$MILLION): 2016-2022

Table 7 NORTH AMERICA REMOTE SENSING HYPERSPECTRAL IMAGING SYSTEMS MARKET - BY COUNTRY (\$MILLION): 2012-2015

Table 8 NORTH AMERICA REMOTE SENSING HYPERSPECTRAL IMAGING SYSTEMS MARKET - BY COUNTRY (\$MILLION): 2016-2022

Table 9 NORTH AMERICA MACHINE VISION/OPTICAL SORTING HYPERSPECTRAL IMAGING SYSTEMS MARKET - BY COUNTRY (\$MILLION): 2012-2015

Table 10 NORTH AMERICA MACHINE VISION/OPTICAL SORTING HYPERSPECTRAL IMAGING SYSTEMS MARKET - BY COUNTRY (\$MILLION): 2016-2022

Table 11 NORTH AMERICA LIFE SCIENCES AND MEDICAL DIAGNOSTICS HYPERSPECTRAL IMAGING SYSTEMS MARKET - BY COUNTRY (\$MILLION): 2012-2015

Table 12 NORTH AMERICA LIFE SCIENCES AND MEDICAL DIAGNOSTICS HYPERSPECTRAL IMAGING SYSTEMS MARKET - BY COUNTRY (\$MILLION): 2016-2022

Table 13 NORTH AMERICA OTHER APPLICATIONS HYPERSPECTRAL IMAGING SYSTEMS MARKET - BY COUNTRY (\$MILLION): 2012-2015

Table 14 NORTH AMERICA OTHER APPLICATIONS HYPERSPECTRAL IMAGING SYSTEMS MARKET - BY COUNTRY (\$MILLION): 2016-2022

Table 15 NORTH AMERICA HYPERSPECTRAL IMAGING SYSTEMS MARKET - BY COMPONENT (\$MILLION): 2012-2015

Table 16 NORTH AMERICA HYPERSPECTRAL IMAGING SYSTEMS MARKET - BY COMPONENT (\$MILLION): 2016-2022

Table 17 NORTH AMERICA HYPER SPECTRAL CAMERAS HYPER SPECTRAL IMAGING SYSTEMS MARKET - BY COUNTRY (\$MILLION): 2012-2015

Table 18 NORTH AMERICA HYPER SPECTRAL CAMERAS HYPER SPECTRAL IMAGING SYSTEMS MARKET - BY COUNTRY (\$MILLION): 2016-2022

Table 19 NORTH AMERICA ACCESSORIES HYPER SPECTRAL IMAGING SYSTEMS MARKET - BY COUNTRY (\$MILLION): 2012-2015

Table 20 NORTH AMERICA ACCESSORIES HYPER SPECTRAL IMAGING SYSTEMS MARKET - BY COUNTRY (\$MILLION): 2016-2022

Table 21 NORTH AMERICA HYPER SPECTRAL IMAGING SYSTEMS MARKET - BY COUNTRY (\$MILLION): 2012-2015

Table 22 NORTH AMERICA HYPER SPECTRAL IMAGING SYSTEMS MARKET - BY COUNTRY (\$MILLION): 2016-2022

Table 23 U. S. HYPER SPECTRAL IMAGING SYSTEMS MARKET (\$MILLION): 2012-2015

Table 24 U. S. HYPER SPECTRAL IMAGING SYSTEMS MARKET (\$MILLION): 2016-2022

Table 25 U. S. HYPER SPECTRAL IMAGING SYSTEMS MARKET - BY APPLICATION (\$MILLION): 2012-2015

Table 26 U. S. HYPER SPECTRAL IMAGING SYSTEMS MARKET - BY APPLICATION (\$MILLION): 2016-2022

Table 27 U. S. HYPER SPECTRAL IMAGING SYSTEMS MARKET - BY COMPONENT (\$MILLION): 2012-2015

Table 28 U. S. HYPER SPECTRAL IMAGING SYSTEMS MARKET - BY COMPONENT (\$MILLION): 2016-2022

Table 29 CANADA HYPER SPECTRAL IMAGING SYSTEMS MARKET (\$MILLION): 2012-2015

Table 30 CANADA HYPER SPECTRAL IMAGING SYSTEMS MARKET (\$MILLION): 2016-2022

Table 31 CANADA HYPER SPECTRAL IMAGING SYSTEMS MARKET - BY APPLICATION (\$MILLION): 2012-2015

Table 32 CANADA HYPER SPECTRAL IMAGING SYSTEMS MARKET - BY APPLICATION (\$MILLION): 2016-2022

Table 33 CANADA HYPER SPECTRAL IMAGING SYSTEMS MARKET - BY COMPONENT (\$MILLION): 2012-2015

Table 34 CANADA HYPER SPECTRAL IMAGING SYSTEMS MARKET - BY COMPONENT (\$MILLION): 2016-2022

Table 35 MEXICO HYPER SPECTRAL IMAGING SYSTEMS MARKET (\$MILLION): 2012-2015

Table 36 MEXICO HYPER SPECTRAL IMAGING SYSTEMS MARKET (\$MILLION):

2016-2022

Table 37 MEXICO HYPERSPECTRAL IMAGING SYSTEMS MARKET - BY APPLICATION (\$MILLION): 2012-2015

Table 38 MEXICO HYPERSPECTRAL IMAGING SYSTEMS MARKET - BY APPLICATION (\$MILLION): 2016-2022

Table 39 MEXICO HYPERSPECTRAL IMAGING SYSTEMS MARKET - BY COMPONENT (\$MILLION): 2012-2015

Table 40 MEXICO HYPERSPECTRAL IMAGING SYSTEMS MARKET - BY COMPONENT (\$MILLION): 2016-2022

Table 41 REST OF NORTH AMERICA HYPERSPECTRAL IMAGING SYSTEMS MARKET (\$MILLION): 2012-2015

Table 42 REST OF NORTH AMERICA HYPERSPECTRAL IMAGING SYSTEMS MARKET (\$MILLION): 2016-2022

Table 43 REST OF NORTH AMERICA HYPERSPECTRAL IMAGING SYSTEMS MARKET - BY APPLICATION (\$MILLION): 2012-2015

Table 44 REST OF NORTH AMERICA HYPERSPECTRAL IMAGING SYSTEMS MARKET - BY APPLICATION (\$MILLION): 2016-2022

Table 45 REST OF NORTH AMERICA HYPERSPECTRAL IMAGING SYSTEMS MARKET - BY COMPONENT (\$MILLION): 2012-2015

Table 46 REST OF NORTH AMERICA HYPERSPECTRAL IMAGING SYSTEMS MARKET - BY COMPONENT (\$MILLION): 2016-2022

Table 47 KEY INFORMATION – SURFACE OPTICS CORPORATION

Table 48 KEY INFORMATION – CORNING INCORPORATED

Table 49 KEY INFORMATION – HEADWALL PHOTONICS, INC.

Table 50 KEY INFORMATION – SPECIM SPECTRAL IMAGING

Table 51 KEY INFORMATION – RESONON

Table 52 KEY INFORMATION – TELPOS INC.

Table 53 KEY INFORMATION – APPLIED SPECTRAL IMAGING

Table 54 KEY INFORMATION – BAYSPEC INC.

Table 55 KEY INFORMATION – CHEMIMAGE

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